P.2/13

Piesse type Under			OIP	- 1	no person	ene redhit	U.S. ed to response	Patent & Trade	mark Office: 11	PTO/SB/08B through 10/31/2002, OMB S, DEPARTMENT OF CON mless it contains a valid OME	0651-003
Substitute for fo	orm 1449A/PTO	69	MAY D 3	2001	1			COMPLETI	E IF KNOWN	· · · · · · · · · · · · · · · · · · ·	
		ON DISCUE	elloc		Heatlen N	mber	09/687,248			DECEIVE	7
ST	TATEMEN	לואם מא יצום י	A NET		ng Pate		October 12, 20	000		RECEIVE	
STATEMENT BY APPOLANT					at Named in oup Art Unk	ventor	Nelson et al.	Nelson et al.		1411/ A M 0001	
	CERU.						Unknown 1634		MAY-0-7-2001		
	·	,			aminer Nam		Unknown			HALL OF NEED 4000	2000
SHEET	_1	OF	11	Do	cket Numbe	<u>r</u>	JHU1660-1			TECH CENTER 1600/	2900
						U.S. PATE	NT DOCUMEN	T\$			
F	1	U.S	. Palent Docu	ment .	- - - - - - - - - - 				f Publication	Gotto Coheman I hos	Mhone
Examiner Initials*	Cite No.1	Num	ber	Ind Code	,- 1	e of Patente of Clied Do	e or Applicant		d Document	Pages, Columns, Lines, Relevant Passages or Re	
90	 	6,552,277		(If known			JANI HOLLI		-DD-YYYY	Figures Appear	
7-	<u> </u>	5,786,146			Nelson	u et al.		09-03-1990		· · · · · · · · · · · · · · · · · · ·	
		6,017,704				n et al		07-28-1998			
		6,200,756				n et al.		03-13-2001			
•		openoji sa	-		1 1011/16	ग का वी-		00-10-2001			
•••		+									
···		}	-								
		 									
		 	<u>L</u>				··· , ······	·			
			*		FC	REIGN PA	TENT DOCUM	ENTS			
Examiner	Cite	Fo	reign Patent C	ocument				Code	of Publication	Pages, Columna, Lines,	
(nillala)	No.1	Office ³	Number		d Code®			ળ બાલા	ed Document	Where Relevant Passages	Ţ6
				(11)	(If known)		IVIVI-UD-YY		-00-1777	or Relevant Figures Appear	
						•			<u> </u>	<u> </u>	<u> </u>
				+				 			ļ
				 							
				1		•	· · · · · ·				
				-					···		
				T							
											<u> </u>
										<u>.L</u>	·
				OTHER	PRIOR A	RT - NON P	ATENT LITER	ATURE DOCUM	ENTS		
Examiner Initials*	Cite No.1	Include	a eqt to emen: decembe	uthor (in i	CAPITAL LE	TERS), title page(s), vol	of the enticle (wh	en appropriate), ti er(s), publisher, cit	h auque conuna m	k, magazine, journal, eerial, hare published	1,8
90			LIA C. et el. , "							lournal of Oncology 18, 2000	
		pages 663-6	1/0								
						,					
			•							· · · · · · · · · · · · · · · · · · ·	
·							- V-W	•••			
										·	ļ
				•							
											
										······	
Examtaer S	Signature	au	lance	, Ic	ונטנא	a	Date Co	nsidered	4/1	5/02	
'EXAMINED		•				-			+	A1	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant,

Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Buter Office that issued the document, by the two letter-code (WIPO Standart ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. *Applicant is to place a check mark here if English language translation is attached.

GT\6234602.1 104659-20

JAN. I	8.2003	10:15A	am i	GRAY	CARY	GT				10.122	P.4/13	
rlease type		,	101	P Zer	994 no	, persons are requ	, U.S. ired to response	A ₁ Patent & Traden to a collection of	nank Office: U	.S. DEPARTA	PTO/SB/08B 1/2002, OMB (MENT OF COM ns a valid OMB	0651-00 (MERC)
		$-\!$	MAY 0		<i>1</i> 61			COMPLETE				
Substillets for in	m 1448A/PTO		MMI 4	• #DU	AFILIC	ation Number	09/687,246	COMPLETE	IL ICHOHN		(C)\/F	<u> </u>
IN en	FORMATIO TATEMENT (USB 85 MRM)	N DISCUDE	SURE		gring	Date	October 12, 2	000		HEC	/타V트	
Q.	(USB 85 MENY)	PLE WELLER	Section 1		First N	amed Inventor	Netson et al-					
			· ACTI	Barr	Group	Art Unit	Unknown	1634		MAY	' 0 7 2001	· · · · · ·
					Exami	ner Name	האטטעה					
SHEET	1	OF	1		Docke	Number	JHU1660-1			TECH CEN	ITER 1600/2	2900
				· · · · · · ·		U.S. PAT	ENT DOCUME	NTS				
Eveninar		U,S	. Patent D	ocumen	1				Publication	Pages	, Columns, Lines, 1	Where
Examiner Initials*	Cite No.!	Num		Kind	Code ?	Name of Paten of Cited (ge bi Abbicaut	of Cited	Document	Releva	nt Passages or Re	elevant
90	L	5,552,277		(<u>) () () (</u>	(nwon) Nalson et al.			09-03-1996 MM-DD-YY		Figures Appe		
7		5,788,148		 		Herman et al.		07-28-1998	,			
		6,017,704		 		Herman et al.		01-25-2000				
√	•	6,200,756		 	_	Herman et al.		03-13-2001				
		f				TO MINITED A	 _	1 !				
								 				
				<u> </u>	,			 	-			
		1		<u>'</u>				<u> </u>				
						FOREIGN P	ATENT DOCUM	MENTS				
Examiner initials*	Cile No.1	Foreign Patent Doc Office3 Number4			iment Kind Co (If kno	nda, l	Pateniee or Applic Cited Document	ateniee or Applicant of Cited Document MM-DD-YYYY		Where Rele	olumns, Lines, svant Passages Figures Appear	Τθ
							· · · · · · · · · · · · · · · · · · ·			 		
				\dashv			***			 		
				_		-	-					
												
				-								
					••••					 		
<u> </u>												<u> </u>
	······································			ŢĢ	HER PI	RIOR ART - NON	PATENT LITER	RATURE DOCUM	ENTS			<u> </u>
Examiner Initials	Cite No.1		aymt	,muleoc	catalog e	tc.), date. pege(a), v	imun autei-amulo	hen appropriate), titi ber(a), publiaher, city	and/or country w	here published		T#
φ		pages 663-6		l. , 'GS'	TP1 CpG	Island DNA Hypem	ethylation in Hepa	tocellular Cardnome	as", international	Journal of Oncop	ogy 16, 2000	
												
							,- ,					
												
•												
			-									
				•				··				
							·					
Examiner	Signature	1 au	Ram	LE S	lo	iava	Date C	Considered	4/1	5/02		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. ³See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two letter-code (WIPO Standart ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

GT\6234602.1 104659-20

Cubuliute for fr	rm 1441A/PTO			· •_					C	OW TUE YNOWN		
					Applica	ation Nur	nber	09/887,246				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets nocessary)					Filing C	Data		October 12, 20	DO.	ZILE W		
					First Na	amed inv	entor	Nelson et el.		15 0		
	,				Group /	Art Unit		1655- 163	4	MIL D 9 2009 12		
					Examin	ıar Namə		Souaya, J.		型 501 0 3 200 至		
SHEET	1	OF	1		Docket	Number		JHU1660-1		46.		
							10 bib			The state of the s		
	ī	115	i, Paleni Do	rument				NT DOCUMEN	TS	Data of Publication	Pages, Columns, Lines,	When
Examiner İnitialə*	Cite No.1	Num	T	Kind Co (if kno		Nama	of Patenta of Cited Do	e or Applicant cument		of Cited Pocument MM-DD-YYYY	Rejevani Passages er Re Figures Appear	
00		5,891,628			1	Reeden	s et al.		04/0	06/99	1-4, 6-7, 9-16, 18-79, 61-82	, 84-65
		1										
		1		•							HECEIV	ED
											1	
											1111 1 0 20	01
											TECH CENTER 160	10/2900
	· 				····	-			= N (2) (
	·	F	reign Paten	Door	ont			TENT DOCUM		Date of Publication	Pagas, Columns, Lines,	
Examiner Initials*	Cite No.1	Offices	Number		Kind Co	xdes (vn)	Name of Proof Ci	talentae or Applicant of Cited Document MM-DD-YYYY		of Cited Document	Where Relevant Passages or Relevant Figures Appear	To
ap .		WO	97/46705	A	i1		The John H School of M	opkins University ledicine		12/11/97	1-4, 6-7, 9-16, 18-79, 81-82, 84-85	
												<u> </u>
				<u>!.</u>		<u>L</u>						
				OTH	ED DO	HOD AD	T NONE	ATENTLITED	ATUE	E BOOKLESITO		.
	T	ha ala da							_	E DOCUMENTS		T
Examiner Iniliais*	No.1				rujhor (in CAPITAL LETTERS), title of the erticle (when appropriate), title of the Item (book, magazine, journal, serial, um, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						Τά	
P										promoter region isolated from 194; see whole document		
1		pages 1-7; s	iee whole do	ծ շ կո թ ով.						P1 gene in human breast can	cer cells; Gene, 1998, Vol. 210,	
V		Capy of PCT	Internation	al Searc	h Repor	t Docume	nt for PCT/	US00/28427 (4 pa	ges)			
~												
										-		

Examiner Signature	Jehanne Souaya	Date Considered	4/15/02
			· · · · · · · · · · · · · · · · · · ·

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ²Enter Office that issued the document, by the two letter-code (WIPO Standart ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁴Applicant is to place a check mark here if English language translation is attached.

		····		U.S. PATENT DOCUMEN	ITS THE		
Examiner	An	U.S. Patent		Name of Patentee or Applicant	Date of Publication	Pages, Columns, Lines, Where	
Initials Cita No.	Cite No.1	Number	Kind Code 9 (If known)	of Cited Document	of Ciled Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	
		5,891,628		Resders et al,	04/06/99	1-4, 6-7, 9-16, 18-79, 81-82, 84-85	
			+		<u> </u>	- RECEIVED	
							
-						JUL 1 0 2001	
						TECH CENTER 1600/2900	
	•						

			,		OREIGN PATENT DOCUMENT	rs		*******
Examiner Cite Initials* No.1	Cite	F	oreign Patent Do			Date of Publication	Pages, Columns, Lines,	Γ'''
		Offices	Number	Kind Codes (If known)	Name of Palentee or Applicant of Clied Document	of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	1ª
ф		WO	97/46706	A1	The John Hopkins University School of Medicine	12/11/97	1-4, 6-7, 9-16, 18-79, 61-82, 84-85	
			-					
		ļ						
I				1				

-1		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Iniliais*	Cite No.1	include name of the author (in CAPITAL LETTERS), into of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), dato, page(s), volume-issue number(s), publisher, city and/or country where published	T
q ^o		Steinmetz, K.L. et al.; Hypomethytetion of the rat glutathlone S-transferase pl (GSTP) promoter region isolated from methyl-deficient livers and GSTP postive liver neoplasms; Carcinogenesis, 1988, Vol. 19, No. 8, pages 1487-1494; see whole document.	
		Jhaveri, M.S. et al.; Mathylation-mediated regulation of the glutathlone-S-transferase P1 gene in human breast cancer cells; Gene, 1998, Vol. 210, pages 1-7; see whole document.	
<u> </u>		Copy of PCT International Search Report Document for PCT/US00/28427 (4 pages)	
			-

Examinor Signature	Jehanne Louaga	Date Considered	4/15/02
--------------------	----------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two letter-code (WIPO Standart ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁴Applicant is to place a check mark here if English language translation is attached.